

On page 70, replace Table I beginning on line 21 with the following new Table I:

-- **Table I**

AS2

Gene No.	CDNA CloneID	ATCC Deposit No. Z and Date	Vector	NT SEQ ID. No. X	Total NT Seq of Clone	5' NT of Start Codon of ORF	3' NT of ORF	AA Seq ID No. Y	Total AA of ORF
1.	K+betaM4 (2BAC-18)	XXXXXX xx/xx/xx	Pspori1	1	1839	5	1057	2	351
2.	K+betaM5 (2BAC-3)	XXXXXX xx/xx/xx	Pspori1	23	2154	1	1029	24	343

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In the Claims:

Cancel claims 1 to 20.

Add the following new claims 21 to 81:

21. (New) An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:

(a) an isolated polynucleotide encoding a polypeptide corresponding to amino acids 1 to 343 of SEQ ID NO:24 including the start codon;

(b) an isolated polynucleotide encoding a polypeptide corresponding to amino acids 2 to 343 of SEQ ID NO:24 minus the start codon;

(c) an isolated polynucleotide encoding a polypeptide corresponding to amino acids 146 to 241 of SEQ ID NO:24;

(d) an isolated polynucleotide which represents the complimentary sequence (antisense) of (a), (b), (c), or fragment thereof; and

(e) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(d), wherein said polynucleotide does not hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence of only A residues or of only T residues.

22. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (a).

23. (New) The isolated nucleic acid molecule of claim 22, wherein said polynucleotide comprises nucleotides 23 to 2154 of SEQ ID NO:23.

24. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (b).

25. (New) The isolated nucleic acid molecule of claim 24, wherein said polynucleotide comprises nucleotides 26 to 2154 of SEQ ID NO:23.

26. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (c).

27. (New) The isolated nucleic acid molecule of claim 26, wherein said polynucleotide comprises nucleotides 436 to 723 of SEQ ID NO:23.

28. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (d).

29. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (e).

30. (New) A recombinant vector comprising the isolated nucleic acid molecule of claim 21.

31. (New) A recombinant host cell comprising the vector sequences of claim 30.

32. (New) A method of making an isolated polypeptide comprising:

(a) culturing the recombinant host cell of claim 31 under conditions such that said polypeptide is expressed; and

(b) recovering said polypeptide.

33. (New) A method of diagnosing a pathological condition or a susceptibility to a pathological condition in a subject comprising:

(a) determining the presence or absence of a mutation in the polynucleotide of claim 21; and

(b) diagnosing a pathological condition or a susceptibility to a pathological condition based on the presence or absence of said mutation.

34. (New) The isolated polynucleotide of claim 21 wherein said nucleic acid sequence further comprises a heterologous nucleic acid sequence.

35. (New) The isolated polynucleotide of claim 34 wherein said heterologous nucleic acid sequence encodes a heterologous polypeptide.

36. (New) The isolated polynucleotide of claim 35 wherein said heterologous polypeptide is the Fc domain of immunoglobulin.